

Form PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 1134	SERIAL NO. 09/352,159
		APPLICANT Duvick, et al.		
		FILING DATE July 12, 1999	GROUP 1638	
		U.S. PTO 09/658835 1C89 09/658835 09/658835		

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MAI	A1	5262306	11/93	Robeson, et al.	435	21	4/90
	A2	4988586	1/91	Toyoda, H., et al.	424	93.2	7/87
	A3	5178863	1/93	Toyoda, H., et al.	424	93.28	1/91
✓	A4	5716820	2/98	Duvick, et al.	435	196	2/97

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No
MAI	A5	96 32007	10/17/96	WO	—	—	✓	
	A6	96 06175	2/29/96	WO	—	—	✓	
	A7	99 02703	1/21/99	WO	—	—	✓	
	A8	93 02673	2/18/93	WO	—	—	✓	
	A9	95 06128	3/2/95	WO	—	—	✓	
	A10	96 20595	7/11/96	WO	—	—	✓	
✓	A11	96 12414	5/2/96	WO	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAI	A12	Abbas, et al., 1992, <i>Weed Technology</i> , 6: 548-552, "Phytotoxicity of Fumonisin B ₁ on Weed and Crop Species ¹ "
	A13	Blackwell, et al., 1994, <i>J. of AOAC International</i> , 77(2): 506-511, "Production of Carbon 14-Labeled Fumonisin in Liquid Culture"
✓	A14	Gelderblom, et al., 1993, <i>Food Chem. Toxic.</i> , 31(6): 407-414, "Structure-Activity Relationships of Fumonisins in Short-Term Carcinogenesis and Cytotoxicity Assays"

EXAMINER

Meduia A. Ibrahim

DATE CONSIDERED

10/02/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	SERIAL NO.
		1134	09/352,159
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT	
		Duvick, et al.	
		FILING DATE	GROUP
		July 12, 1999	1638
 1093 U.S. 658835 09/08/00			

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAI	A15	Van Asch, et al., 1992, <i>Phytopathology</i> , 82(11): 1330-1332, "Phytotoxicity of Fumonisin B ₁ , Moniliformin, and T-2 Toxin to Corn Callus Cultures"
	A16	Vesonder, et al., 1993, <i>Arch. Environ. Contam. Toxicol.</i> , 24: 473-477, "Comparison of the Cytotoxicities of <i>Fusarium</i> Metabolites and <i>Alternaria</i> Metabolite AAL-Toxin to Cultured Mammalian Cell Lines"
	A17	Tanaka, et al., 1993, <i>Phytochemistry</i> , 33(4): 779-785, "Structure-Dependent Phytotoxicity of Fumonisins and Related Compounds in a Duckweed Bioassay"
	A18	He P., et al., 1992, <i>Applied and Environmental Microbiology</i> , 58(12): 3857-3863, "Microbial Transformation of Deoxynivalenol (Vomitoxin)"
	A19	Kneusel, et al., 1994, <i>The J. of Biological Chemistry</i> , 269(5): 3449-3456, "Molecular Characterization and Cloning of an Esterase Which Inactivates the Macrolide Toxin Brefeldin A**"
	A20	Miller, J.D., et al., 1986, <i>Canadian J. of Plant Pathology</i> , 8: 147-150, "Degradation of deoxynivalenol by suspension cultures of the fusarium head blight resistant wheat cultivar Frontana"
	A21	Ueno, et al., 1983, <i>Applied and Environmental Microbiology</i> , 46: 120-127, "Metabolism of T-2 Toxin in <i>Curtobacterium</i> sp. Strain 114-2"
	A22	Utsumi, et al., 1991, <i>Agric. Biol. Chem.</i> , 55: 1913-1918, "Molecular Cloning and Characterization of the Fusaric Acid-resistance Gene from <i>Pseudomonas cepacia</i> "
	A23	Vesonder, et al., 1992, <i>Arch. Environ. Contam. Toxicol.</i> , 23: 464-467, "Comparative Phytotoxicity of the Fumonisins, AAL-Toxin and Yeast Sphingolipids in <i>Lemna minor</i> L. (Duckweed)"
	A24	Marth, et al., 1978, <i>J. Food Technol.</i> , 33: 81-87, "Update on molds: degradation of aflatoxin"
↓	A25	Kneusel, et al., 1990, <i>FEBS Letters</i> , 275(1-2): 107-110, "Detoxification of the macrolide toxin brefeldin A by <i>Bacillus subtilis</i> "

EXAMINER

Medina A. Ibrahim

DATE CONSIDERED

10/02/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	SERIAL NO.
		1134	09/352,159
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT	
		Duvick, et al.	
		FILING DATE	GROUP
		July 12, 1999	1638

JC 893 U S P T O
09/08/00
JC 893 U S P T O
09/08/00
JC 893 U S P T O
09/08/00

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAJ	A26	Toyoda, et al., 1988, <i>Phytopathology</i> , 78(10): 1307-1311, "Detoxification of Fusaric Acid by a Fusaric Acid-Resistant Mutant of <i>Pseudomonas solanacearum</i> and its Application to Biological Control of Fusarium Wilt of Tomato"
	A27	Bunz, et al., 1993, <i>Biodegradation</i> , 4: 171-178, "Purification of two isosfunctional hydrolases (EC 3.7.1.8) in the degradative pathway for dibenzofuran in <i>Sphingomonas</i> sp. strain RW1"
	A28	Duvick, et al., 1992, <i>J. of Biol. Chem.</i> , 267(26): 18814-18820, "Purification and Characterization of a Novel Antimicrobial Peptide from Maize (<i>Zea mays L.</i>) Kernels*"
	A29	Kraus, et al., 1992, <i>J. of Agri and Food Chem.</i> , 40(12): 2331-2332, "Synthesis of Analogs of Fumonisin B1"
	A30	Lotti, et al., 1993, <i>Gene</i> , 124: 45-55, "Cloning and analysis of <i>Canidida cylindracea</i> lipase sequences"
	A31	Cygler, et al., 1993, <i>Protein Science</i> , 2: 366-382, "Relationship between sequence conservation and three-dimensional structure in a large family of esterases, lipases, and related proteins"
	A32	Arpagaus, et al., 1991, <i>J. of Biol. Chem.</i> , 266(11): 6966-6974, "Use of the Polymerase Chain Reaction for Homology Probing of Butyrylcholinesterase from Several Vertebrates"
	A33	Van Asch, et al., 1992, <i>Phytopathology</i> , 82: 1330-1332, "Phytotoxicity of Fumonisin B1, Moniliformin, and T-2 Toxin to Corn Callus Cultures"
	A34	Lagu, et al., 1992, <i>204th American Chemical Society National Meeting, Washington, D.C., USA</i> , "Synthesis of Fumonisin Analogs, Abstracts of Papers (Part 2)"
	A35	Zeiss, Hans-Joachim, 1991, <i>J. Org. Chem.</i> , 56(5) 1783-1788, "Enantioselective Synthesis of Both Enantiomers of Phosphinothricin via Asymmetric Hydrogenation of α -Acylamido Acrylates"
	A36	Ishizuka, H., et al, 1995, <i>XP002121274 Swissprot Accession No. 40974</i> , "Putrescine oxidase"
↓	A37	Horinouchi, S., et al., 1993, <i>XP002121474 EMBL Accession No. D12511</i> , "M. Rubens gene for putrescine oxidase, complete cds"

EXAMINER	DATE CONSIDERED
<i>Medina A. Ibrahim</i>	10/02/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	SERIAL NO.
		1134	09/352,159
INFORMATION DISCLOSURE STATEMENT		APPLICANT	PRO 35/658835
BY APPLICANT		Duvick, et al.	09/358835
<i>(Use several sheets if necessary)</i>		FILING DATE	GROUP
		July 12, 1999	16.38

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAI	A38	Duvick, et al., 1998, <i>Mol. Genetics of Host-Specific Toxins in Plant Disease</i> , 369-381, "Detoxification of Mycotoxins <i>In Planta</i> as a Strategy for Improving Grain Quality and Disease Resistance: Identification of Fumonisin-Degrading Microbes from Maize"
	A39	Blackwell, B.A., et al., 1999, <i>Natural Toxins</i> , 7(1): 31-38, "Oxidative Deamination of Hydrolyzed Fumonisin B ₁ (AP ₁) by Cultures of <i>Exophiala spinifera</i> "
	A40	Schilling, B., et al., 1995, <i>Mol. Gen. Genet.</i> , 247: 430-438, "Cloning, sequencing and heterologous expression of the monoamine oxidase gene from <i>Aspergillus niger</i> "
	A41	Anzai, et al., 1989, <i>Mol. Gen. Genet.</i> , 219: 492-494, "Transgenic tobacco resistant to a bacterial disease by the detoxification of a pathogenic toxin"
	A42	Kunst, F., et al., 1997, <i>XP 002121402, EMBL Accession No. Z99107</i> , "Bacillus subtilis complete genome"
	A43	Papoff, et al., 1996, <i>J. of Immunology</i> , 156(12): 4622-4630, "An N-Terminal Domain Shared by Fas/Apo-1 (CD 95) Soluble Variants Prevents Cell Death in Vitro ^{1,2} "
	A44	Alvarez, et al., 1997, <i>Oxidative Stress and the Molecular Biology of Antioxidant Defenses</i> , "Oxidative Burst-mediated Defense Responses in Plant Disease Resistance"
	A45	Lamb, et al., 1997, <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> , 48: 251-275, "The Oxidative Burst in Plant Disease Resistance"
	A46	Schrader, et al., 1996, <i>App. Microbiol Biotechnol</i> , 45: 458-464, "Studies on the inactivation of the flavoprotein D-amino acid oxidase from <i>Trigonopsis variabilis</i> "
	A47	Lamprecht, et al., 1994, <i>Phytopathology</i> , 84: 383-391, "Phytotoxicity of Fumonisins and TA-Toxin to Corn and Tomato"
✓	A48	Itagaki, et al., 1996, <i>J. of Biol. Chem.</i> , 33: 20102-20107, "Expression and Characterization of a Modified Flavin-containing Monooxygenase 4 from Humans*"

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 1134	SERIAL NO. 09/352,159
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Duvick, et al.	U.S. PTO JC893 09/658835 09/08/00
		FILING DATE July 12, 1999	

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAI	A49	Quinet, et al., 1993, <i>J. of Biol. Chem.</i> , 23: 16891-16894, "Inhibition of the Cellular Secretion of Cholesteryl Ester Transfer Protein by a Variant Protein Formed by Alternative Splicing of mRNA*"
	A50	Bhat, et al., 1996, <i>Protein Engineering</i> , 9(8): 713-718, "Expression of recombinant α -A ^{ins} -crystallin and not α A-crystallin inhibits bacterial growth"
	A51	Przemylaw, 1997, <i>Biochem J.</i> , 322: 681-692, "Oxidative burst: an early plant response to pathogen infection"
	A52	Aguirre, et al., 1989, <i>J. Bacteriol.</i> , 171: 6243-6250, "Oxidation of <i>Neurospora crassa</i> NADP-Specific Glutamate Dehydrogenase by Activated Oxygen Species"
	A53	Gould, et al., 1989, <i>J. Cell Biol.</i> , 108: 1657-1664, "A Conserved Tripeptide Sorts Proteins to Peroxisomes"
	A54	Gilchrist, et al., 1992, <i>Mycopathologia</i> , 117: 57-64, "Genetic and physiological response to fumonisin and AAL-toxin by intact tissue of a higher plant"
	A55	Schmiedeknecht, et al., 1996, <i>Eur. J. Biochem.</i> , 242(2) 339-351, "Isolation and characterization of a 14.5-kDa trichloroacetic-acid-soluble translational inhibitor protein from human monocytes that is upregulated upon cellular differentiation"
	A56	Samuel, et al., 1997, <i>Hepatology</i> , 25(5) 1213-1222, "Hrp12, a Novel Heat-Responsive, Tissue-Specific Phosphorylated Protein Isolated From Mouse Liver"

EXAMINER	DATE CONSIDERED
<i>Medina A. Ibrahim</i>	<i>10/02/02</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.